

Material Safety Data Sheet

PRODUCT NAME CCS SHAMPOO

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name JOHNSONDIVERSEY AUSTRALIA PTY LTD
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Synonym(s) HH15167 CCS SHAMPOO 2X5L
Use(s) CARPET CLEANER, INDUSTRIAL APPLICATIONS, SHAMPOO

2. HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

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|-----------------|----------------|---------------------------|----------------|------------------|----------------|
| UN No. | None Allocated | Hazchem Code | None Allocated | Pkg Group | None Allocated |
| DG Class | None Allocated | Subsidiary Risk(s) | None Allocated | EPG | None Allocated |

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient | Formula | Conc. | CAS No. |
|---------------------|---------------------|--------|---------------|
| AMMONIUM HYDROXIDE | NH ₄ -OH | <1% | 1336-21-6 |
| WATER | H ₂ O | >60% | 7732-18-5 |
| ANIONIC SURFACTANTS | Not Available | 10-20% | Not Available |
| ACRYLIC POLYMER | Not Available | <10% | Not Available |
| DISPERSANT | Not Available | <10% | Not Available |
| PERFUME | Not Available | <1% | Not Available |

4. FIRST AID MEASURES

Eye Flush gently with running water for 15 minutes.

Inhalation If over exposure occurs leave exposure area immediately. If irritation persists, seek medical attention.

Skin Gently flush affected areas with water.

Ingestion For advice, contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor.

Advice to Doctor Treat symptomatically

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5. FIRE FIGHTING MEASURES

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| Flammability | Non flammable. |
| Fire and Explosion | Non flammable. |
| Extinguishing | Non flammable. |
| Hazchem Code | None |

6. ACCIDENTAL RELEASE MEASURES

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| Spillage | If spilt (bulk), wear splash-proof goggles and PVC/rubber gloves. Absorb spill with sand or similar and place in sealed containers for disposal. Wash spill site down with water. For small amounts, dilute with water and flush to sewer. Caution; surfaces may be slippery. |
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7. STORAGE AND HANDLING

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| Storage | Store out of direct sunlight and out of the reach of children, in a cool, dry, well ventilated area, removed from oxidising agents (eg. hypochlorites), acids (sulphuric acid), heat sources and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Large storage areas should have appropriate ventilation systems. Keep from freezing. |
| Handling | Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas (eg. if container is damaged). |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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| Ventilation | Ensure adequate natural ventilation. Maintain vapour levels below the recommended exposure standard. |
| Exposure Standards | AMMONIUM HYDROXIDE (1336-21-6) ES-STEL : 35 ppm (27 mg/m ³) as Ammonia ES-TWA: 25 ppm (18 mg/m ³) as Ammonia |
| PPE | Wear splash-proof goggles and rubber or PVC gloves. When using large quantities or where heavy contamination is likely, wear coveralls. |



9. PHYSICAL AND CHEMICAL PROPERTIES

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|---------------------------|----------------------------------|----------------------------------|----------------|
| Appearance: | CLEAR PALE STRAW COLOURED LIQUID | Solubility (water): | SOLUBLE |
| Odour: | SOAPY ODOUR | Specific Gravity: | 1.03 - 1.04 |
| pH: | 8.0- 8.4 | % Volatiles: | > 60 % (Water) |
| Vapour Pressure: | 18 mm Hg @ 20 C | Flammability: | NON FLAMMABLE |
| Vapour Density: | NOT AVAILABLE | Flash Point: | NOT RELEVANT |
| Boiling Point: | 100 C (Approximately) | Upper Explosion Limit: | NOT RELEVANT |
| Melting Point: | < 0 C | Lower Explosion Limit: | NOT RELEVANT |
| Evaporation Rate: | AS FOR WATER | Autoignition Temperature: | NOT AVAILABLE |
| Exposure Standard: | 25 ppm Ammonia | | |

10. STABILITY AND REACTIVITY

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| Reactivity | Incompatible with oxidising agents (eg. peroxides) and acids (eg. hydrochloric acid). |
| Decomposition Products | May evolve toxic gases if heated to decomposition. |

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11. TOXICOLOGICAL INFORMATION

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| Health Hazard Summary | This product may only present a hazard with direct eye contact, prolonged and repeated skin contact or with vapour inhalation at high levels. Chronic effects are not anticipated. |
| Eye | Exposure may result in lacrimation, irritation, pain and redness. |
| Inhalation | Over exposure to mists or vapours (if sprayed) may result in mucous membrane irritation of the nose and throat with coughing. At high levels nausea, dizziness and headache. Low product vapour pressure (low volatility), considerably reduces the potential for an inhalation hazard. |
| Skin | Prolonged and repeated contact may result in drying and defatting of the skin with rash and dermatitis. |
| Ingestion | With large doses ingestion may result in nausea, vomiting and gastrointestinal irritation. |
| Toxicity Data | AMMONIUM HYDROXIDE (1336-21-6) LD50 (Ingestion): 350 mg/kg (rat) |

12. ECOLOGICAL INFORMATION

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| Environment | This product is not anticipated to cause adverse effects to animal or plant life if released to the environment in small quantities, however larger quantities may cause foaming of waterways with adverse effects on aquatic life. At high levels, may dissolve oils on bird feathers with potential for bird to drown. Not expected to bioaccumulate. |
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13. DISPOSAL CONSIDERATIONS

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| Waste Disposal | For small amounts, absorb with sand, vermiculite or similar and dispose of to an approved landfill site. For larger amounts, contact the manufacturer for additional information. Prevent contamination of drains or waterways as aquatic life may be threatened and environmental damage may result. |
| Legislation | Dispose of in accordance with relevant local legislation. |

14. TRANSPORT INFORMATION

| | | | | | |
|----------------------|----------------|---------------------------|----------------|------------------|----------------|
| Shipping Name | None Allocated | | | | |
| UN No. | None Allocated | Hazchem Code | None Allocated | Pkg Group | None Allocated |
| DG Class | None Allocated | Subsidiary Risk(s) | None Allocated | EPG | None Allocated |

15. REGULATORY INFORMATION

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| Poison Schedule | A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP). |
| AICS | All chemicals listed on the Australian Inventory of Chemical Substances (AICS). |

16. OTHER INFORMATION

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| Additional Information | ABBREVIATIONS: mg/m ³ - Milligrams per cubic metre ppm - Parts Per Million TWA/ES - Time Weighted Average or Exposure Standard. CNS - Central Nervous System NOS - Not Otherwise Specified pH - relates to hydrogen ion concentration - this value will relate to a scale of 0 - 14, where 0 is highly acidic and 14 is highly alkaline. CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds. M - moles per litre, a unit of concentration. IARC - International Agency for Research on Cancer. |
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PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:

The recommendation for protective equipment contained within this Chem Alert report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

HEALTH EFFECTS FROM EXPOSURE:

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a Chem Alert report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

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Report Status This document has been compiled by RMT on behalf of the manufacturer of the product and serves as the manufacturer's Material Safety Data Sheet ('MSDS').

It is based on information concerning the product which has been provided to RMT by the manufacturer or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer.

While RMT has taken all due care to include accurate and up-to-date information in this MSDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, RMT accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this MSDS.

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End of Report